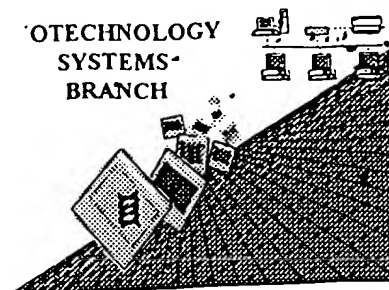


0570
05/1

RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS-
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/918624
Source: CIPÉ
Date Processed by STIC: 08/09/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/918,624

DATE: 08/09/2001

TIME: 14:01:32

Input Set : A:\pa0033us_seqlisting.txt

Output Set: N:\CRF3\08092001\I918624.raw

Does Not Comply
Corrected Diskette Needed

2 <110> APPLICANT: Schebye, Xiao Min
 3 Sornasse, Thierry R.
 5 <120> TITLE OF INVENTION: CDNAS EXPRESSED IN ADIPOCYTE DIFFERENTIATION
 7 <130> FILE REFERENCE: PA-0033 US
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/918,624
 C--> 10 <141> CURRENT FILING DATE: 2001-07-30
 12 <150> PRIOR APPLICATION NUMBER: 60/222,470
 13 <151> PRIOR FILING DATE: 2000-07-28
 15 <160> NUMBER OF SEQ ID NOS: 71
 16 <170> SOFTWARE: PERL Program

ERRORED SEQUENCES

2191 <210> SEQ ID NO: 42
 2192 <211> LENGTH: 1638
 2193 <212> TYPE: DNA
 2194 <213> ORGANISM: Homo sapiens
 2196 <220> FEATURE:
 2197 <221> NAME/KEY: misc_feature
 2198 <223> OTHER INFORMATION: Incyte ID No: g452054
 2200 <400> SEQUENCE: 42

*Emphasis:
An integer character
is present in the sequence listing.*

E--> 2201 aaagcttagg aagatttctt gggcacggta tatccagttg gctaataaga aaatacgtct 60
 E--> 2202 cccttcagcc tgtgccttga ctacttaaag gataggagg aaggggagac gaagttactc 120
 E--> 2203 tcctcattgt gttcaccctg ctccgaagaa ctctgtcttc cactggcccc tccacctcct 180
 E--> 2204 cccattctc ggtagcccca gcctgtcccc cttgccccct tcttacattc cggggggagg 240
 E--> 2205 agggcgctgt tcagagggga ggagggcgct gttcagggag cgaaggggag ccccttctgt 300
 E--> 2206 tctagaaggc ctctccccac ccccaccccg tgtgagtttg tactgcaaag ctcttgggca 360
 E--> 2207 tccttgctg agttgggtgt tgggaagctc aaattgcagc tacaaactgg ctggcagcca 420
 E--> 2208 ggggcccggc atttaaaagc gcctgtcttc cggagcccc gtagtctctt tggaaacttc 480
 E--> 2209 tgcaggggaa aagagctagg aaagagctgc aaagcagtg gggcttttcc ccttttttgc 540
 E--> 2210 tccttttcat taccctcctc cgttttcac ccttctccgg acttcgcgta gaacctgcga 600
 E--> 2211 atttcgaaga ggaggtggca aagtgggaga aaagaggtgt tagggtttgg ggtttttttg 660
 E--> 2212 tttttgtttt tgttttttaa tttcttgatt tcaacatttt ctcccaccct ctcggtgca 720
 E--> 2213 gccaacgcct ctacactggt ctgcggcgcc ggcagctgag ggttagaaaag 780
 E--> 2214 cggggtgtat tttagatttt aagcaaaaat tttaaagata aatccatttt tctctccac 840
 E--> 2215 ccccaacgcc atctccactg catccgatct cattatttgc gtggttgctt gggggtgaac 900
 E--> 2216 aattttgtgg ctttttttcc cctataattc tgacccgctc aggttgagg gtttctccgg 960
 E--> 2217 cctccgctac ctgcgtgcac ctggcgctgc cctgcttccc ccaacctggt gcaaggcttt 1020
 E--> 2218 aattcttgca actgggacct gctcgcaggc accccagccc tccacctctc tctacatttt 1080
 E--> 2219 tgcaagtgtc tgggggaggg cacctgctct acctgccaga aattttaaaa caaaaacaaa 1140
 E--> 2220 aacaaaaaaa tctccggggg cctcttggc ccttttatcc ctgcactctc gctctcctgc 1200
 E--> 2221 cccaccccca ggtaaagggg ggcactaaga gaagatgggt ttgctcaccg cggctcctct 1260
 E--> 2222 gctgctggcc gcctatgcgg ggccggccca gagcctgggc tcttctgtgc actgcgagcc 1320
 E--> 2223 ctgcgacgag aaagccctct ccatgtgccc ccccagcccc ctgggctgcg agctgggtcaa 1380
 E--> 2224 ggagccgggc tgccgctgct gcatgacctg cgccctggcc gaggggcagt cgtgcggcgt 1440
 E--> 2225 ctacaccgag cgctgcgccc aggggctgcg ctgcctcccc cggcaggacg aggagaagcc 1500

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/918,624

DATE: 08/09/2001

TIME: 14:01:33

Input Set : A:\pa0033us_seqlisting.txt

Output Set: N:\CRF3\08092001\I918624.raw

E--> 2226 gctgcacgcc ctgctgcacg gccgcggggt ttgcctcaac gaaaagagct accgcgagca 1560
E--> 2227 agtcaagatc ggtgagcgcg ctcagtgtgc cagtcagtta cgcggcgcac gggcggggga 1620
E--> 2228 cacgagaccg gctgggcc 1638

→ Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/918,624

DATE: 08/09/2001

TIME: 14:01:34

Input Set : A:\pa0033us_seqlisting.txt

Output Set: N:\CRF3\08092001\I918624.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:339 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:346 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:356 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:407 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:548 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:576 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:766 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:767 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:768 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:864 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:880 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:1267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1268 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1786 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1793 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:2138 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:2185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:2201 M:254 E: No. of Bases conflict, LENGTH:Input:60 Counted:59 SEQ:42
L:2201 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1
M:254 Repeated in SeqNo=42
L:2228 M:252 E: No. of Seq. differs, <211>LENGTH:Input:1638 Found:1637 SEQ:42
L:2253 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:2254 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:2255 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:2338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:2339 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:2755 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:2790 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51
L:2791 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51
L:2803 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51
L:2810 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51
L:2842 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:2845 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:2988 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
L:3105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:3193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60
L:3196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60
L:3227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61
L:3258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62